

**OFFICIAL FILE**

I.C.C. DOCKET NO. 01-0645

Petitioner's Exhibit No. 1

Witness \_\_\_\_\_

Date 11/6/02 Reporter AB

**TESTIMONY OF  
BOB KHAN**

**ILLINOIS COMMERCE COMMISSION  
DOCKET NO. 01-0645**

1 Q. Please state your name and business address.

2 A. Bob Khan, Citizens Utilities Company of Illinois ("CUCI", "Citizens," or "Company"), 1000  
3 Internationale Parkway, Woodridge, Illinois 60517.

4 Q. By whom are you employed and in what capacity?

5 A. I am employed by Citizens Utilities Company of Illinois as Director of Engineering.

6 Q. How long have you been employed by Citizens?

7 A. Approximately 12 years.

8 Q. What is your educational background?

9 A. I received a B.S. degree in Civil Engineering from Texas A&M University (1984) and a  
10 Masters Degree in Environmental Engineering from the Illinois Institute of Technology (1990).

11 Q. Are you a Registered Professional Engineer?

12 A. Yes. I am a registered Professional Engineer in the State of Illinois.

13 Q. Are you a member of any professional organizations?

14 A. Yes, I am a member of the American Water Works Association, Environmental Federation, and  
15 the American Society of Civil Engineers and a member of the Design-Build Institute.

16 Q. Please describe your work experience with Citizens prior to becoming Director of Engineering.

17 A. Prior to becoming the Director of Engineering, I was Manager of Plant Engineering. In that  
18 capacity, I managed capital improvement work as it relates to the Company's plant. I was also  
19 involved in Master Planning and Engineering for the Company's Service Districts.

20 Q. As the Director of Engineering, what are your general duties?

21 A. I am responsible for the activities of the Company's Engineering Department. Typical areas of  
22 responsibility include managing the capital program, reviewing and approving new  
23 development plans, obtaining construction permits, selecting outside engineering consultants,  
24 and negotiating contracts. My department is also responsible for providing technical support to  
25 Operations.

1 Q. How is your testimony organized?

2 A. My testimony addresses and explains the need for Citizens' certification to provide water  
3 and/or sanitary sewer service in each area covered by the Petition. The testimony is organized  
4 by service area and by the specific parcels within each area. The areas and parcels are  
5 summarized on Exhibit 2. For each service area, I have provided: a map of the currently  
6 certificated service area showing the parcels covered by Citizens' certificate request (Exhibit  
7 3); a legal description of each parcel (Exhibit 4); an estimate of the cost of the additional  
8 facilities necessary to serve various parcels (Exhibit 5); and other information which explains  
9 the public need and necessity for water and/or sanitary sewer service in the specific area.

10 **DuPage**

11 Q. Have you caused to be prepared a location map showing CUCI's presently certificated DuPage  
12 service area, including the parcels which are the subject of this proceeding?

13 A. Yes. The map is marked as page 1 of Exhibit 3.

14 Q. Please generally describe the DuPage Service Area.

15 A. The DuPage service area is located near the Village of Lisle and presently CUCI provides  
16 water and sanitary sewer service to approximately 1,086 customers plus 1,750 units in the Four  
17 Lakes complex. A Lake Michigan water supply is provided to our customers through an  
18 interconnection with the Village of Lisle. Two elevated water storage tanks exist within the  
19 district with a combined capacity of 200,000 gallons with additional water storage provided by  
20 the Village of Lisle. Wastewater treatment is provided by DuPage County.

21  
22 **Parcel A - 5709 Lenox Road Watermain Extension**

23 Q. Please describe the proposed service to DuPage Parcel A (5709 Lenox Road Watermain  
24 Extension).

25 A. The homeowner has requested water service for a single-family home. The legal description is  
26 attached on Page 1 of Exhibit 4.

27 Q. Has CUCI entered into a water service agreement with the developer?

1 A. Yes.

2 Q. Have you caused to be prepared an estimate of cost for the water facilities to be constructed?

3 A. Yes. Page 1 of Exhibit 5 is the cost estimate.

4 Q. Are there any other public water systems, which are willing and able to provide service to  
5 DuPage Parcel A?

6 A. No.

7 **Santa Fe**

8 Q. Have you caused to be prepared a location map showing CUCI's presently certificated Santa Fe  
9 Service Area, including the parcels which are the subject of this proceeding?

10 A. Yes. The map is marked as Page 2 of Exhibit 3.

11 Q. Please generally describe the Santa Fe area.

12 A. CUCI provides water and sewage collection and treatment service to approximately 210  
13 customers within our Santa Fe service area, which is located in and adjacent to the Villages of  
14 Woodridge and Bolingbrook. Currently Lake Michigan water is supplied from a booster  
15 station. Storage within the system includes a 500,000 gallon elevated tank. Sewage collection  
16 and treatment is provided by a 1-mgd sewage treatment plant.

17  
18 **Parcel A - Maple Point Business Park**

19 Q. Please describe the proposed service to Santa Fe Parcel A (Maple Point Business Park).

20 A. The developer, Bridge Development LLC, has requested water and sewer service for a  
21 warehouse/office complex. The legal description is attached on Page 1 of Exhibit 4.

22 Q. Has CUCI entered into a water and sanitary sewer service agreement with the developer?

23 A. The agreement is being worked on and is expected to be signed shortly.

24 Q. Have you caused to be prepared an estimate of cost for the water and sanitary sewer facilities to  
25 be constructed?

26 A. Yes. Page 2 of Exhibit 5 is a copy of the cost estimate.

1 Q. Are there any other public water or sewer systems, which are willing and able to provide  
2 service to Santa Fe Parcel A?

3 A. No.

4 **Parcel B – Woodhill Crossings Business Park**

5 Q. Please describe the proposed service to Santa Fe Parcel B (Woodhill Crossings Business Park).

6 A. Bridge Development LLC is also proposing to develop a warehouse/office complex. The legal  
7 description is attached on Page 2 of Exhibit 4.

8 Q. Has CUCI entered into a water and sanitary sewer service agreement with the developer?

9 A. No. Final plans have not yet been prepared.

10 Q. Have you caused to be prepared an estimate of cost for the water facilities to be constructed?

11 A. No. Final plans have not yet been prepared.

12 Q. Are there any other public water or sewer systems, which are willing and able to provide  
13 service to Santa Fe Parcel B?

14 A. No.

15 **Parcel C – Hill Avenue Watermain and Sanitary Sewer Extension**

16 Q. Please describe the proposed service to Santa Fe Parcel C (Hill Avenue Watermain and  
17 Sanitary Sewer Extension).

18 A. The homeowner has requested water and sanitary sewer service for a single-family residence.  
19 The legal description is attached on Page 3 of Exhibit 4.

20 Q. Has CUCI entered into a water and sanitary sewer service agreement with the homeowner?

21 A. No. Engineering plans have recently been finalized. An agreement is being worked on.

22 Q. Have you caused to be prepared an estimate of cost for the water facilities to be constructed?

23 A. No. Final plans have not yet been prepared.

24 Q. Are there any other public water or sewer systems, which are willing and able to provide  
25 service to Santa Fe Parcel C?

26 A. No.

1 **West Suburban**

2 Q. Have you caused to be prepared a location map showing CUCI's presently certificated West  
3 Suburban Service Area, including the parcel which is the subject of this proceeding?

4 A. Yes. The map is marked as Page 3 of Exhibit 3.

5 Q. Please generally describe the West Suburban Service Area.

6 A. The West Suburban Service Area consists of approximately 11,250 water and 11,200 sewer  
7 customers. Lake Michigan water is provided through Citizens Lake Water Company. Storage  
8 in the system consists of three elevated tanks 0.4, 0.75 and 0.10 MG each and a 1.2 MG ground  
9 storage tank. Sewage treatment is provided by a combination of treatment at Citizens Plant #2  
10 and by off-loading a portion of flow to the Village of Bolingbrook's wastewater treatment  
11 plants.

12 **Parcel A -- Barclay Estates**

13 Q. Please describe the proposed service to West Suburban Parcel A (Barclay Estates).

14 A. The developer has requested water and sanitary sewer service for approximately a 240-Lot  
15 residential subdivision. The legal description is attached on Pages 4 and 5 of Exhibit 4.

16 Q. Has CUCI entered into a water and sanitary sewer service agreement with the developer?

17 A. Yes.

18 Q. Have you caused to be prepared an estimate of cost for the water and sewer facilities to be  
19 constructed?

20 A. Yes. Page 3 of Exhibit 5 is a copy of the cost estimate.

21 Q. Are there any other public sewer systems, which are willing and able to provide service to West  
22 Suburban Parcel A?

23 A. No.

24 **Parcel B -- Lakewood Ridge Subdivision**

25 Q. Please describe the proposed service to West Suburban Parcel B (Lakewood Ridge  
26 Subdivision).

1 A. The developer has requested water and sanitary sewer service for a 480-Lot residential  
2 subdivision. The legal description is attached on Page 6 of Exhibit 4.

3 Q. Has CUCI entered into a water and sanitary sewer service agreement with the developer?

4 A. No. The agreement is being worked on and is expected to be signed shortly.

5 Q. Have you caused to be prepared an estimate of cost for the water and sewer facilities to be  
6 constructed?

7 A. Yes. Page 4 of Exhibit 5 is a copy of the cost estimate.

8 Q. Are there any other public sewer systems, which are willing and able to provide service to West  
9 Suburban Parcel B?

10 A. No.

11 Q. Please describe Exhibit <sup>6</sup>7.

12 A. Exhibit <sup>6</sup>7 is an estimate of the revenues from each parcel in the first and fifth years.

13 Q. Please explain why granting the certificate requested for each of the Parcels described above  
14 would promote the public convenience and provide adequate, reliable and efficient service to  
15 customers at the least cost.

16 A. As shown on the various Exhibits, each of the Parcels is contiguous to an existing CUCI  
17 service area. It is obviously most cost-efficient for an existing utility in the area to extend its  
18 mains rather than have a new entity come into the area to establish service. Duplication of  
19 facilities and unnecessary costs would be avoided.

20 Q. Is CUCI capable of efficiently managing and supervising the construction process incident to  
21 the provision of service to all of the described Parcels?

22 A. Yes. CUCI is one of the largest investor-owned water and wastewater utilities in Illinois and  
23 has many years of experience managing and supervising this type of construction.

24 Q. Is CUCI capable of financing the proposed construction without significant adverse financial  
25 consequences for the utility or its customers?

26

27

1 A. Yes. The agreements we have entered into with the developers are consistent with  
2 longstanding CUCI practices and tariffs. CUCI has access to all of the necessary funds to  
3 support its portion of these investments through its parent, Citizens Communications Company.

4 Q. How will the water and sewer improvements be financed?

5 A. The improvements will be financed in accordance with Rule 600.

6 Q. Has a Permit been obtained from the Illinois Historical Preservation Society for water and  
7 sewer construction?

8 A. All necessary Permits will be obtained by the developer/owner.

9 Q. Has a Permit been obtained by the Illinois Department of Agriculture for the water and sewer  
10 construction?

11 A. The developer will obtain all necessary Permits.

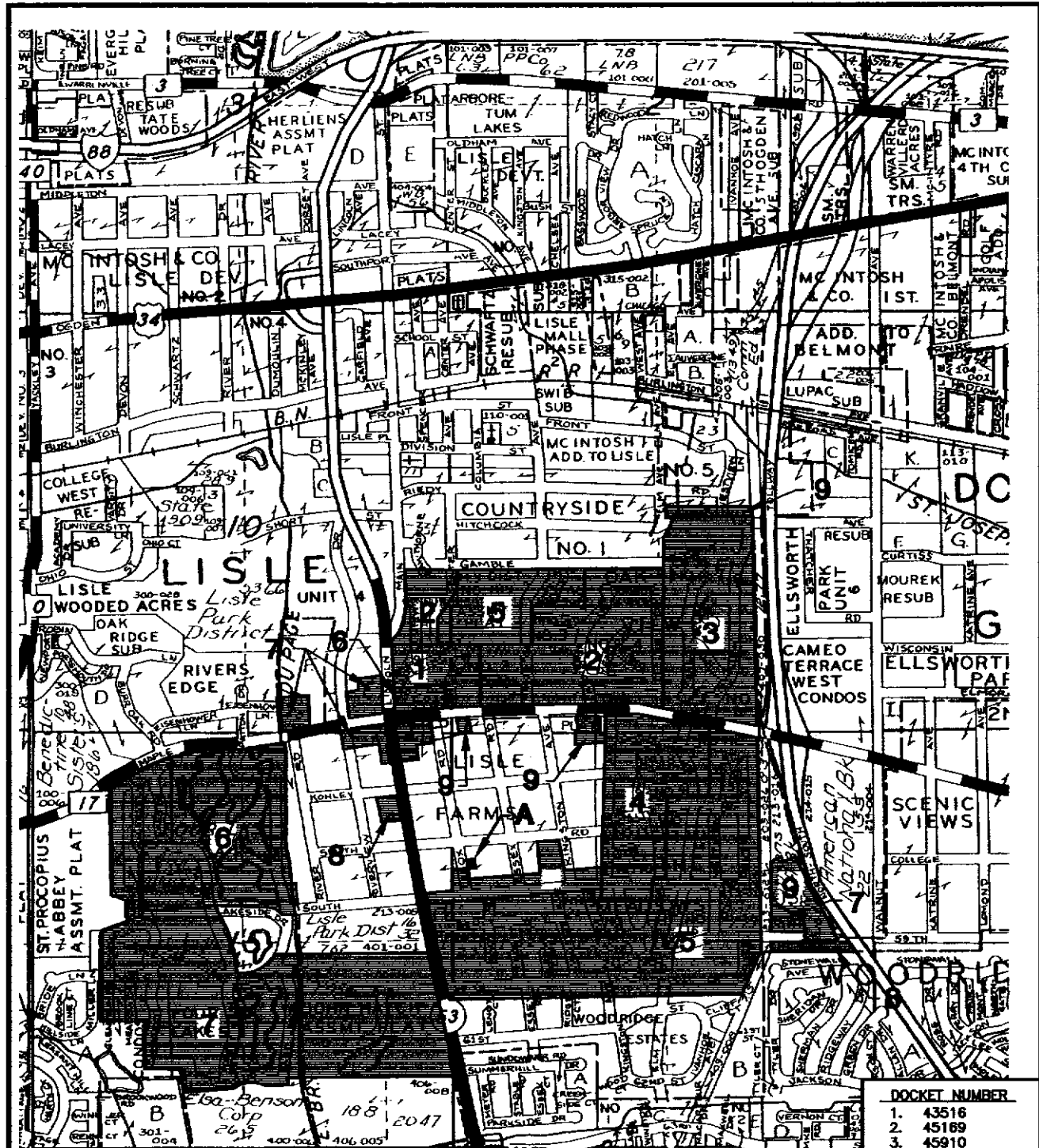
12 Q. Does this conclude your direct testimony?

13 A. Yes, it does.  
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Project:

Certificate Requested

1. DuPage
  - A. 5709 Lenox Road Watermain Extension Water
2. Santa Fe
  - A. Maple Point Business Park Water & Sewer
  - B. Woodhill Crossings Business Park Water & Sewer
  - C. Hill Avenue Water and Sewer Extension Water & Sewer
3. West Suburban
  - A. Barclay Estates Subdivision Water & Sewer
  - B. Lakewood Ridge Subdivision Water & Sewer

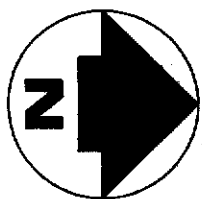


<b>CITIZENS</b>  <b>UTILITIES</b> COMPANY OF ILLINOIS		<b>CERTIFICATED AREA</b>		REV. DATE: <b>OCTOBER 2001</b>
		<b>DUPAGE</b>		TOWNSHIP: <b>LISLE</b>
				COUNTY: <b>DUPAGE</b>

# SANTA FE

COUNTY:  
**DUPAGE & WILL**

<u>DOCKET NUMBER</u>
1. 47145/47146
2. 47396/47397
3. 48561/48562
4. 50151
5. 54299
6. 54970
7. 55197
8. 55625
9. 56220
10. 56320
11. 56321
12. 56802
13. 56803
14. 57180
15. 57547
16. 58051
17. 58260
18. 58726
19. 76-0050
20. 76-0518
21. 77-0427
22. 78-0049
23. 79-0077
24. 80-0001
25. 81-0371
26. 83-0639
27. 85-0278
28. 88-0243
29. 88-0336
30. 89-0282
31. 89-0292
32. 89-0336
33. 89-0366
34. 90-0335
35. 91-0277
36. 97-0383
37.
38.



**CITIZENS  
UTILITIES  
COMPANY OF ILLINOIS**

## CERTIFICATED AREA

# WEST SUBURBAN

REV. DATE:	<b>OCTOBER 2001</b>
TOWNSHIP:	<b>DUPAGE</b>
COUNTY:	<b>WILL</b>

**1. DUPAGE LEGAL DESCRIPTIONS**

**A. 5709 Lenox Road Watermain Extension**

LOT 9 IN BLOCK 11 IN ARTHUR T. MCINTOSH AND COMPANY'S LISLE FARMS, BEING A SUBDIVISION OF LOTS 2 TO 12, INCLUSIVE (EXCEPT PARTS OF LOTS 10 AND 11) OF ASSESSMENT PLATS OF PARTS SECTIONS 10, 11, 14, AND 15, TOWNSHIP 38 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED DECEMBER 31, 1924 AS DOCUMENT 186704, IN DUPAGE COUNTY, ILLINOIS.

**2. SANTA FE LEGAL DESCRIPTIONS**

**A. Maple Point Business Park**

BEING A SUBDIVISION OF PART OF THE NORTHWEST QUARTER OF SECTION 17, TOWNSHIP 37 NORTH, RANGE 11 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE COUNTY, ILLINOIS.

B. Woodhill Crossings Business Park

PHASE I:

LOTS 6 THROUGH 10, BOTH INCLUSIVE, IN UNIT NUMBER 3 OF REED'S CREST OF HILL ESTATES, A SUBDIVISION OF THAT PART OF THE EAST HALF OF THE NORTH HALF OF SECTION 23, LYING EAST OF THE CENTER LINE OF U.S. HIGHWAY ROUTE NO. 66A AND PART OF THE NORTHWEST QUARTER OF SECTION 24, IN TOWNSHIP 37 NORTH, AND RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED SEPTEMBER 17, 1951, IN PLAT BOOK 27, PAGE 59, AS DOCUMENT 696810, IN WILL COUNTY, ILLINOIS. AREA; 784,437 SQUARE FEET OR 18.008 ACRES, MORE OR LESS.

PHASE II

THAT PART OF SECTIONS 23 AND 24 IN TOWNSHIP 37 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN DUPAGE TOWNSHIP, WILL COUNTY, ILLINOIS, DESCRIBED AS FOLLOWS:  
BEGINNING AT A POINT IN THE WEST LINE OF SAID SECTION 24 THAT IS 824.25 FEET SOUTH OF THE NORTHWEST CORNER THEREOF; THENCE EASTERLY ALONG THE SOUTH LINE OF "UNIT NO. 3" OF "REED'S CREST OF HILL ESTATES", A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN THE OFFICE OF THE RECORDER OF DEEDS OF SAID WILL COUNTY, ILLINOIS ON SEPTEMBER 17, 1951. AS DOCUMENT NO. 696810 IN BOOK 27, PAGE 59, 1081.68 FEET TO THE SOUTHEAST CORNER OF LOT 11 IN SAID "UNIT NO. 3" OF SAID SUBDIVISION; THENCE SOUTH ALONG THE EAST LINE OF SAID "UNIT NO. 3" OF SAID SUBDIVISION EXTENDED SOUTH, 1393.03 FEET TO A POINT THAT IS 434.20 FEET NORTH OF THE SOUTH LINE OF SAID SECTION 24; THENCE SOUTH 88 DEGREES 51 MINUTES WEST 862.00 FEET; THENCE SOUTH 88 DEGREES 56 MINUTES WEST, 582.00 FEET; THENCE NORTH 28 DEGREES 38 MINUTES EAST, 353.00 FEET; THENCE NORTH 61 DEGREES 22 MINUTES, 375.15 FEET TO THE CENTER LINE OF U.S. HIGHWAY ROUTE NO. 66-A; THENCE NORTHEASTERLY ALONG SAID CENTER LINE OF SAID HIGHWAY, 66.00 FEET; THENCE 61 DEGREES 22 MINUTES EAST, 375.02 FEET; THENCE NORTH 28 DEGREES 38 MINUTES EAST 561.00 FEET; THENCE SOUTH 61 DEGREES 22 MINUTES EAST, 135.40 FEET; THENCE NORTH 75 DEGREES 28 MINUTES EAST, 403.00 FEET; THENCE NORTH 22 DEGREES 12 MINUTES EAST, 545.13 FEET TO THE SOUTHWEST CORNER OF LOT 6 IN SAID "UNIT NO. 3" OF SAID SUBDIVISION: THENCE EASTERLY ALONG SAID SOUTH LINE OF SAID "UNIT NO. 3" OF SAID SUBDIVISION; THENCE EASTERLY ALONG SAID SOUTH LINE OF SAID "UNIT NO. 3" OF SAID SUBDIVISION, 120.00 FEET TO THE POINT OF BEGINNING, ALL IN WILL COUNTY, ILLINOIS.

ALSO THAT PART OF THE NORTH 1675.45 FEET OF THE EAST 246.50 FEET OF THE WEST HALF OF THE NORTHWEST QUARTER OF SECTION 24 (EXCEPT THE NORTH 653.40 FEET THEREOF), ALL IN TOWNSHIP 37 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN WILL COUNTY, ILLINOIS LYING WEST OF THE WESTERLY RIGHT OF WAY LINE OF KATHERINE'S CROSSING PER PLAT OF DEDICATION RECORDED DECEMBER 18, 1985 AS DOCUMENT NUMBER R85-43361 IN WILL COUNTY, ILLINOIS.

TOTAL AREA SURVEYED: 2,724,242 SQ. FT. 62.540 AC.

C. Hill Avenue Water and Sewer Extension

LOTS 1 AND 2 IN BLOCK 2 IN RIVER VIEW, BEING A SUBDIVISION IN THE SOUTH HALF OF THE SOUTHWEST QUARTER OF SECTION 17, TOWNSHIP 37 NORTH, RANGE 11, EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF RECORDED MAY 7, 1926, AS DOCUMENT 213042, IN DUPAGE COUNTY, ILLINOIS.

### 3. WEST SUBURBAN LEGAL DESCRIPTIONS

#### A. Barclay Estates

THAT PART OF THE NORTHEAST QUARTER OF SECTION 8 AND THAT PART OF THE NORTHWEST QUARTER OF SECTION 9, LYING NORTHERLY AND SOUTHERLY OF THE INDIAN BOUNDARY LINE, ALL IN TOWNSHIP 37 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS: COMMENCING AT THE INTERSECTION OF THE CENTERLINE OF BOUGHTON ROAD WITH THE EASTERLY LINE OF WILLIAMS GLEN UNIT 4, BEING A SUBDIVISION OF PART OF SAID SECTION 8, ACCORDING TO THE PLAT THEREOF RECORDED AUGUST 2, 1991, AS DOCUMENT NO. R91-43636; THENCE NORTH 00 DEGREES 33 MINUTES 49 SECONDS WEST ALONG SAID EASTERLY LINE A DISTANCE OF 40.38 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE OF SAID BOUGHTON ROAD, SAID LINE BEING 40.00 FEET NORTHERLY OF AND PARALLEL WITH SAID CENTERLINE, FOR THE PLACE OF BEGINNING; THENCE CONTINUING NORTH 00 DEGREES 33 MINUTES 49 SECONDS WEST ALONG SAID EASTERLY LINE OF WILLIAMS GLEN UNIT 4 AND OF WILLIAMS GLEN UNIT 5A, UNIT 58 AND UNIT 5C; ALL AS MONUMENTED AND OCCUPIED, A DISTANCE OF 1,883.92 FEET; THENCE SOUTH 84 DEGREES 09 MINUTES 24 SECONDS EAST 175.10 FEET; THENCE SOUTH 71 DEGREES 20 MINUTES 45 SECONDS EAST 121.83 FEET; THENCE SOUTH 84 DEGREES 52 MINUTES 12 SECONDS EAST 347.04 FEET; THENCE NORTH 80 DEGREES 13 MINUTES 36 EAST 140.19 FEET; THENCE NORTH 65 DEGREES 15 MINUTES 43 SECONDS EAST 183.22 FEET; THENCE NORTH 87 DEGREES 20 MINUTES 04 SECONDS EAST 265.50 FEET; THENCE NORTH 89 DEGREES 16 MINUTES 21 SECONDS EAST 145.27 FEET; THENCE NORTH 83 DEGREES 33 MINUTES 25 SECONDS EAST 213.01 FEET; THENCE NORTH 77 DEGREES 28 MINUTES 53 SECONDS EAST 362.74 FEET; THENCE NORTH 88 DEGREES 27 MINUTES 41 SECONDS EAST 862.60 FEET; THENCE NORTH 84 DEGREES 56 MINUTES 39 SECONDS EAST 253.30 FEET TO THE EAST LINE OF THE NORTHWEST QUARTER OF SAID SECTION 9; THENCE SOUTH 00 DEGREES 26 MINUTES 28 SECONDS EAST ALONG SAID EAST LINE A DISTANCE OF 194.56 FEET; THENCE SOUTH 84 DEGREES 18 MINUTES 27 SECONDS WEST 1,509.16 FEET; THENCE SOUTH 05 DEGREES 41 MINUTES 33 SECONDS EAST 151.66 FEET; THENCE SOUTH 23 DEGREES 23 MINUTES 28 SECONDS EAST 66.00 FEET; THENCE SOUTHWESTERLY ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING RADIUS OF AT 325.00 FEET. HAVING A CHORD BEARING OF SOUTH 62 DEGREES 49 MINUTES 45 SECONDS WEST, A DISTANCE OF 42.88 FEET; THENCE SOUTH 30 DEGREES 57 MINUTES 02 SECONDS EAST 126.04 FEET; THENCE SOUTH 68 DEGREES 18 MINUTES 23 SECONDS WEST 133.50 FEET; THENCE SOUTHEASTERLY ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF - 346.00 FEET, HAVING A CHORD BEARING OF SOUTH 18 DEGREES 50 MINUTES 23 SECONDS EAST, A DISTANCE OF 40.95 FEET TO A POINT OF TANGENCY; THENCE SOUTH 15 DEGREES 26 MINUTES 56 SECONDS EAST 438.90 FEET TO A POINT OF CURVATURE; THENCE SOUTHEASTERLY ALONG THE ARC OF A CURVE CONCAVE TO THE SOUTHWEST, HAVING A RADIUS OF 948.00 FEET, HAVING A CHORD BEARING OF SOUTH 11 DEGREES 56 MINUTES 16 SECONDS EAST A DISTANCE OF 116.19 FEET TO A POINT OF TANGENCY; THENCE SOUTH 08 DEGREES 25 MINUTES 36 SECONDS EAST 272.03 FEET; THENCE NORTH 81 DEGREES 34 MINUTES 24 SECONDS EAST 37.00 FEET; THENCE SOUTH 08 DEGREES 25 MINUTES 36 SECONDS EAST 66.00 FEET; THENCE SOUTH 81 DEGREES 34

Barclay Estates (continued)

MINUTES 24 SECONDS WEST 20.00 FEET; THENCE SOUTH 08 DEGREES 25 MINUTES 36 SECONDS EAST 133.50 FEET; THENCE SOUTH 53 DEGREES 25 MINUTES 36 SECONDS EAST 35.36 FEET; THENCE SOUTH 08 DEGREES 25 MINUTES 36 SECONDS EAST 10.00 FEET TO THE NORTHERLY RIGHT-OF-WAY LINE OF SAID BOUGHTON ROAD, SAID LINE BEING 40.00 FEET NORTHERLY OF AND PARALLEL WITH THE CENTERLINE OF SAID BOUGHTON ROAD; THENCE SOUTH 81 DEGREES 34 MINUTES 24 SECONDS WEST ALONG SAID NORTHERLY RIGHT-OF-WAY LINE A DISTANCE OF 1,744.60 FEET TO THE PLACE OF BEGINNING: SAID PARCEL OF LAND HEREIN DESCRIBED CONTAINS 71.2196 ACRES, MORE OR LESS; ALL IN WILL COUNTY, ILLINOIS.

### 3. WEST SUBURBAN LEGAL DESCRIPTIONS

#### B. Lakewood Ridge Subdivision -- Unit 1

THAT PART OF SECTION 9, LYING SOUTHERLY OF THE INDIAN BOUNDARY LINE, ALL IN TOWNSHIP 37 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 9; THENCE NORTH 00°09'16" WEST ALONG THE WEST LINE OF THE COMMONWEALTH EDISON COMPANY RIGHT OF WAY, CONVEYED PER QUIT CLAIM DEED DATED DECEMBER 10, 1954 AS DOCUMENT NO. 764230, 1200.00 FEET TO A POINT 6.00 FEET EAST OF THE NORTH/SOUTH CENTERLINE OF SAID SECTION 9; THENCE NORTH 00°13'34" WEST ALONG SAID RIGHT OF WAY LINE 1189.41 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING NORTH 00°13'34" WEST ALONG SAID RIGHT OF WAY LINE, 410.59 FEET TO A POINT 12.00 FEET EAST OF THE NORTH/SOUTH CENTERLINE OF SAID SECTION 9; THENCE NORTH 00°17'52" WEST ALONG SAID RIGHT OF WAY LINE, 400.00 FEET TO A POINT 13.00 FEET EAST OF THE NORTH/SOUTH CENTERLINE OF SAID SECTION 9; THENCE NORTH 00°02'23" WEST ALONG SAID RIGHT OF WAY LINE, 18.32 FEET TO A LINE 40.00 FEET NORTH OF AND PARALLEL WITH THE CENTERLINE OF BOUGHTON ROAD; THENCE SOUTH 82°31'10" WEST ALONG SAID LINE, 821.64 FEET TO AN ANGLE POINT; THENCE SOUTH 81°34'24" WEST ALONG A LINE 40.00 FEET NORTH OF AND PARALLEL WITH THE CENTERLINE OF SAID BOUGHTON ROAD, 2247.98 FEET; THENCE SOUTH 00°24'13" EAST 40.40 FEET TO THE CENTERLINE OF SAID BOUGHTON ROAD; THENCE NORTH 81°34'24" EAST ALONG SAID CENTERLINE TO THE WEST LINE OF THE NORTHWEST QUARTER OF SAID SECTION 9 AS MONUMENTED BY WILLIAMS GLEN UNIT 2, RECORDED JANUARY 25, 1991 AS DOCUMENT NO. R91-003988; THENCE SOUTH 00°13'41" EAST, ALONG THE WEST LINE OF BOTH THE NORTHWEST QUARTER AND THE SOUTHWEST QUARTER OF SAID SECTION 9 AS MONUMENTED BY SAID WILLIAMS GLEN UNIT 2 AND WILLIAMS GLEN UNIT 1, RECORDED JANUARY 25, 1991 AS DOCUMENT NO. R91-003987, 1303.88 FEET; THENCE NORTH 89°46'19" EAST, 100.50 FEET; THENCE SOUTH 82°42'05" EAST, 158.14 FEET; THENCE NORTH 84°18'04" EAST, 79.23 FEET; THENCE NORTH 73°02'01" EAST, 91.39 FEET; THENCE NORTH 60°00'43" EAST, 91.39 FEET; THENCE NORTH 51°25'07" EAST, 100.82 FEET; THENCE NORTH 27°26'26" EAST, 84.81 FEET; THENCE NORTH 20°56'48" EAST, 4.01 FEET; THENCE SOUTH 32°51'52" EAST, 41.56 FEET; THENCE NORTH 59°50'27" EAST, 98.93 FEET; THENCE NORTH 64°39'01" EAST, 76.96 FEET; THENCE NORTH 68°51'33" EAST, 76.96 FEET; THENCE NORTH 73°04'04" EAST, 76.96 FEET; THENCE NORTH 77°16'34" EAST, 76.96 FEET; THENCE NORTH 81°29'05" EAST, 76.96 FEET; THENCE NORTH 85°19'29" EAST, 76.98 FEET; THENCE SOUTH 02°12'09" EAST, 125.50 FEET; THENCE EASTERLY ALONG A NONTANGENT CURVE BEING CONCAVE SOUTHERLY, HAVING A RADIUS OF 923.00 FEET AND A CHORD BEARING OF NORTH 88°40'42" EAST A DISTANCE OF 28.38 FEET TO A POINT OF TANGENCY; THENCE NORTH 89°33'33" EAST, 329.39 FEET; THENCE NORTHERLY ALONG A NONTANGENT CURVE BEING CONCAVE WESTERLY, HAVING A RADIUS OF 935.43 FEET AND A CHORD BEARING OF NORTH 12°18'22" WEST A DISTANCE OF 256.04 FEET; THENCE NORTH 70°10'57" EAST, ALONG A LINE NONTANGENT TO THE LAST DESCRIBED CURVE, 72.90 FEET; THENCE NORTH 81°34'24" EAST, 292.50 FEET; THENCE NORTH 08°25'36" WEST, 5.00 FEET; THENCE NORTH 81°34'24" EAST, 86.50 FEET; THENCE SOUTH 87°29'54" EAST, 43.40 FEET; THENCE SOUTH 22°48'10" EAST, 23.77 FEET; THENCE NORTH 89°33'33" EAST, 191.00 FEET; THENCE NORTH 00°26'27" WEST, 6.96 FEET TO A POINT OF CURVE; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY HAVING A RADIUS OF 208.00 FEET AND A CENTRAL ANGLE OF 27°01'21" A DISTANCE OF 98.10 FEET; THENCE NORTH 89°33'33" EAST ALONG A LINE NONTANGENT TO THE LAST DESCRIBED CURVE, 147.71 FEET; THENCE NORTH 00°26'27" WEST, 151.64 FEET; THENCE NORTH 16°39'38" WEST, 59.38 FEET; THENCE NORTH 77°03'53" EAST, 206.00 FEET; THENCE NORTHERLY ALONG A CURVE NONTANGENT TO THE LAST DESCRIBED LINE BEING CONCAVE WESTERLY HAVING A RADIUS OF 273.00 FEET AND A CHORD BEARING OF NORTH 13°41'40" WEST A DISTANCE OF 7.23 FEET; THENCE NORTH 89°33'33" EAST, ALONG A LINE NONTANGENT TO THE LAST DESCRIBED CURVE, 148.58 FEET TO THE POINT OF BEGINNING, ALL IN THE VILLAGE OF BOUNGBROOK, WILL COUNTY, ILLINOIS. CONTAINING 71.278+/- ACRES.

### 3. WEST SUBURBAN LEGAL DESCRIPTIONS

#### B. Lakewood Ridge Subdivision – (continued) Unit 2

THAT PART OF THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF SECTION 9 TOWNSHIP 37 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, TAKEN AS A TRACT AND DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTH QUARTER CORNER OF SAID SECTION 9; THENCE NORTH 00°09'16" WEST, ALONG THE WEST LINE OF THE COMMONWEALTH EDISON COMPANY RIGHT OF WAY, CONVEYED BY QUIT CLAIM DEED DATED DECEMBER 10, 1954 AND RECORDED DECEMBER 20, 1954 AS DOCUMENT NO. 764230, A DISTANCE OF 1123.89 FEET TO THE POINT OF BEGINNING; THENCE SOUTH 89°44'47" WEST, 16.34 FEET TO A POINT OF CURVE; THENCE SOUTHWESTERLY ALONG A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 597.00 FEET AND A CENTRAL ANGLE OF 29°04'28" A DISTANCE OF 302.95 FEET TO A POINT OF TANGENCY; THENCE SOUTH 60°40'18" WEST, 88.10 FEET TO A POINT OF CURVE; THENCE SOUTHWESTERLY ALONG A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 921.00 FEET AND A CENTRAL ANGLE OF 11°10'33" A DISTANCE OF 179.65 FEET TO A POINT OF TANGENCY; THENCE SOUTH 49°29'45" WEST, 71.55 FEET TO A POINT OF CURVE; THENCE WESTERLY ALONG A CURVE CONCAVE NORTHERLY HAVING A RADIUS OF 406.00 FEET AND A CENTRAL ANGLE OF 65°32'24" A DISTANCE OF 464.42 FEET TO A POINT OF TANGENCY; THENCE NORTH 64°57'51" WEST, 166.79 FEET; THENCE SOUTH 25°02'09" WEST, 87.67 FEET TO A POINT OF CURVE; THENCE SOUTHERLY ALONG A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 714.75 FEET AND A CENTRAL ANGLE OF 12°15'59" A DISTANCE OF 153.02 FEET TO A POINT OF TANGENCY; THENCE SOUTH 12°46'10" WEST, 92.98 FEET TO A POINT ON A CURVE; THENCE NORTHWESTERLY ALONG A CURVE NONTANGENT TO THE LAST DESCRIBED LINE, BEING CONCAVE SOUTHERLY HAVING A RADIUS OF 538.00 FEET AND A CHORD BEARING OF NORTH 77°14'59" WEST, A DISTANCE OF 70.05 FEET; THENCE SOUTH 12°46'10" WEST NONTANGENT TO THE LAST DESCRIBED CURVE, 80.57 FEET TO A POINT OF CURVE; THENCE SOUTHERLY ALONG A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 338.00 FEET AND A CENTRAL ANGLE OF 50°14'25" A DISTANCE OF 296.38 FEET TO A POINT OF TANGENCY; THENCE SOUTH 37°28'15" EAST, 54.83 FEET TO A POINT OF CURVE; THENCE SOUTHERLY ALONG A CURVE CONCAVE WESTERLY HAVING A RADIUS OF 278.00 FEET AND A CENTRAL ANGLE OF 36°01'37" A DISTANCE OF 174.80 FEET TO A POINT OF TANGENCY; THENCE SOUTH 01°26'38" EAST, 33.36 FEET TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 9 AS OCCUPIED BY "CINNAMON CREEK UNIT 3" RECORDED MARCH 19, 1971 AS DOCUMENT NO. R71-18446, "UNIT 4", RECORDED AUGUST 14, 1972 AS DOCUMENT NO. R72-23434 AND "UNIT 5", RECORDED AUGUST 14, 1972 AS DOCUMENT NO. R72-32020; THENCE SOUTH 88°33'22" WEST ALONG SAID LAST DESCRIBED LINE, 1408.94 FEET TO THE SOUTHWEST CORNER OF THE SOUTHWEST QUARTER OF SAID SECTION 9; THENCE NORTH 00°13'41" WEST ALONG THE WEST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 9 AS OCCUPIED BY "WILLIAMS GLEN SUBDIVISION UNIT 1", RECORDED JANUARY 25, 1991 AS DOCUMENT NO. R91-003987, "UNIT 2", RECORDED JANUARY 25, 1991 AS DOCUMENT NO. R91-003988 AND "UNIT 3", RECORDED JANUARY 25, 1991 AS DOCUMENT NO. R91-003989, A DISTANCE OF 1565.30 FEET; THENCE NORTH 89°46'19" EAST, 100.50 FEET; THENCE SOUTH 82°42'05" EAST, 158.14 FEET; THENCE NORTH 84°18'04" EAST, 79.23 FEET; THENCE NORTH 73°02'01" EAST, 91.39 FEET; THENCE NORTH 60°00'43" EAST, 91.39 FEET; THENCE NORTH 51°25'07" EAST, 100.82 FEET; THENCE NORTH 27°26'26" EAST, 84.81 FEET; THENCE NORTH 20°56'48" EAST, 4.01 FEET; THENCE SOUTH 32°51'52" EAST, 41.56 FEET; THENCE NORTH 59°50'27" EAST, 98.93 FEET; THENCE NORTH 64°39'01" EAST, 76.96 FEET; THENCE NORTH 68°51'33" EAST, 76.96 FEET; THENCE NORTH 73°04'04" EAST, 76.96 FEET; THENCE NORTH 77°16'34" EAST, 76.96 FEET; THENCE NORTH 81°29'05" EAST, 76.96 FEET; THENCE NORTH 85°19'29" EAST, 76.98 FEET; THENCE SOUTH 02°12'09" EAST, 125.50 FEET TO A POINT ON A CURVE; THENCE EASTERLY ALONG A CURVE NONTANGENT TO THE LAST DESCRIBED LINE BEING CONCAVE SOUTHERLY HAVING A RADIUS OF 923.00 FEET AND A CHORD BEARING OF NORTH 88°40'42" EAST A DISTANCE OF 28.38 FEET TO A POINT OF TANGENCY; THENCE NORTH 89°33'33" EAST, 329.29 FEET TO A POINT ON A CURVE; THENCE NORTHERLY ALONG A CURVE NONTANGENT TO THE LAST DESCRIBED LINE BEING CONCAVE WESTERLY HAVING A RADIUS OF 958.00 FEET AND A CHORD BEARING OF NORTH 12°09'37" WEST A DISTANCE OF 256.06 FEET; THENCE NORTH 70°10'57" EAST NONTANGENT TO THE LAST DESCRIBED CURVE, 72.34 FEET; THENCE NORTH 81°34'24" EAST, 292.50 FEET; THENCE NORTH 08°25'36" WEST, 5.00 FEET; THENCE NORTH 81°34'24" EAST, 86.50 FEET; THENCE SOUTH 87°29'54" EAST, 43.40 FEET; THENCE SOUTH 22°48'10" EAST, 23.77 FEET; THENCE NORTH 89°33'33" EAST, 191.00 FEET; THENCE NORTH 00°26'27" WEST, 6.96 FEET TO A POINT OF CURVE; THENCE NORTHERLY ALONG A CURVE CONCAVE WESTERLY HAVING A RADIUS OF 208.00 FEET AND A CENTRAL ANGLE OF 27°01'21" A DISTANCE OF 98.10 FEET; THENCE NORTH 89°33'33" EAST NONTANGENT TO THE LAST DESCRIBED CURVE, 147.71 FEET; THENCE NORTH 00°26'27" WEST, 151.64 FEET; THENCE NORTH 16°39'38" WEST, 59.38 FEET; THENCE NORTH 77°03'53" EAST, 206.00 FEET TO A POINT ON A CURVE; THENCE NORTHERLY ALONG A CURVE NONTANGENT TO THE LAST DESCRIBED LINE BEING CONCAVE WESTERLY HAVING A RADIUS OF 273.00 FEET AND A CHORD BEARING OF NORTH 13°41'40" WEST A DISTANCE OF 7.23 FEET; THENCE NORTH 89°33'33" EAST ALONG A LINE NONTANGENT TO THE LAST DESCRIBED CURVE, 148.58 FEET TO THE WEST LINE OF THE SAID COMMONWEALTH EDISON COMPANY RIGHT OF WAY; THENCE SOUTH 00°13'34" EAST ALONG SAID RIGHT OF WAY LINE, 1189.41 FEET TO A POINT 6.00 FEET EAST OF THE NORTH/SOUTH CENTERLINE OF SAID SECTION 9; THENCE SOUTH 00°09'16" EAST ALONG SAID RIGHT OF WAY LINE, 76.11 FEET TO THE POINT OF BEGINNING, ALL IN WILL COUNTY, ILLINOIS. CONTAINING 86.700 +/- ACRES.

### 3. WEST SUBURBAN LEGAL DESCRIPTIONS

#### B. Lakewood Ridge Subdivision – (continued) Unit 3

THAT PART OF THE SOUTHEAST QUARTER AND THE SOUTHWEST QUARTER OF SECTION 9 TOWNSHIP 37 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, TAKEN AS A TRACT AND DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTH QUARTER CORNER OF SAID SECTION 9; THENCE NORTH 00°09'16" WEST, ALONG THE WEST LINE OF THE COMMONWEALTH EDISON COMPANY RIGHT OF WAY, CONVEYED BY QUIT CLAIM DEED DATED DECEMBER 10, 1954 AND RECORDED DECEMBER 20, 1954 AS DOCUMENT NO. 764230, A DISTANCE OF 1123.89 FEET; THENCE SOUTH 89°44'47" WEST, 16.34 FEET TO A POINT OF CURVE; THENCE SOUTHWESTERLY ALONG A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 597.00 FEET AND A CENTRAL ANGLE OF 29°04'28" A DISTANCE OF 302.95 FEET TO A POINT OF TANGENCY; THENCE SOUTH 60°40'18" WEST, 88.10 FEET TO A POINT OF CURVE; THENCE SOUTHWESTERLY ALONG A CURVE CONCAVE SOUTHEASTERLY HAVING A RADIUS OF 921.00 FEET AND A CENTRAL ANGLE OF 11°10'33" A DISTANCE OF 179.65 FEET TO A POINT OF TANGENCY; THENCE SOUTH 49°29'45" WEST, 71.55 FEET TO A POINT OF CURVE; THENCE WESTERLY ALONG A CURVE CONCAVE NORTHERLY HAVING A RADIUS OF 406.00 FEET AND A CENTRAL ANGLE OF 65°32'24" A DISTANCE OF 464.42 FEET TO A POINT OF TANGENCY; THENCE NORTH 64°57'51" WEST, 166.79 FEET; THENCE SOUTH 25°02'09" WEST, 87.67 FEET TO A POINT OF CURVE; THENCE SOUTHERLY ALONG A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 714.75 FEET AND A CENTRAL ANGLE OF 12°15'59" A DISTANCE OF 153.02 FEET TO A POINT OF TANGENCY; THENCE SOUTH 12°46'10" WEST, 92.98 FEET TO A POINT ON A CURVE; THENCE NORTHWESTERLY ALONG A CURVE NONTANGENT TO THE LAST DESCRIBED LINE, BEING CONCAVE SOUTHERLY HAVING A RADIUS OF 538.00 FEET AND A CHORD BEARING OF NORTH 77°14'59" WEST, A DISTANCE OF 70.05 FEET; THENCE SOUTH 12°46'10" WEST NONTANGENT TO THE LAST DESCRIBED CURVE, 80.57 FEET TO A POINT OF CURVE; THENCE SOUTHERLY ALONG A CURVE CONCAVE EASTERLY HAVING A RADIUS OF 338.00 FEET AND A CENTRAL ANGLE OF 50°14'25" A DISTANCE OF 296.38 FEET TO A POINT OF TANGENCY; THENCE SOUTH 37°28'15" EAST, 54.83 FEET TO A POINT OF CURVE; THENCE SOUTHERLY ALONG A CURVE CONCAVE WESTERLY HAVING A RADIUS OF 278.00 FEET AND A CENTRAL ANGLE OF 36°01'37" A DISTANCE OF 174.80 FEET TO A POINT OF TANGENCY; THENCE SOUTH 01°26'38" EAST, 33.36 FEET TO THE SOUTH LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 9 AS OCCUPIED BY "CINNAMON CREEK UNIT 2" RECORDED AS DOCUMENT NO. R71-5666 AND "CINNAMON CREEK UNIT 3", RECORDED AS DOCUMENT NO. R71-18446; THENCE NORTH 88°33'22" EAST ALONG SAID LAST DESCRIBED LINE, 1214.81 FEET TO THE POINT OF BEGINNING, IN WILL COUNTY, ILLINOIS. CONTAINING 2.728+/- ACRES.

**1. DuPage**

*A. 5709 Lenox Road Watermain Extension  
Water Facilities*

Item	Quantity	Unit Price	Total
6" DIWM	88 LF	\$29.75	\$2,618.00
6" FIRE HYDRANT	1 EA	\$1,950.00	\$1,950.00
1" K-COPPER	1 EA	\$750.00	<u>\$750.00</u>
TOTAL			\$5,318.00

**2. Santa Fe**

*A. Maple Point Business Park  
Water Facilities*

Item	Quantity	Unit Price	Total
6" DIPWM	245 LF	\$16.40	\$4,018.00
8" DIPWM	381 LF	\$21.00	\$8,001.00
10" DIPWM	2,804 LF	\$26.00	\$72,904.00
12" DIPWM	942 LF	\$30.00	\$28,260.00
8" VALVE & BOX	2 EA	\$850.00	\$1,700.00
8" VALVE & VAULT	3 EA	\$1,375.00	\$4,125.00
10" VALVE & VAULT	3 EA	\$1,800.00	\$5,400.00
12" VALVE & VAULT	1 EA	\$1,500.00	\$1,500.00
FIRE HYDRANT	9 EA	\$1,750.00	\$15,750.00
24" CASING PIPE	170 LF	\$200.00	\$34,000.00
GRANULAR TRENCH BACKFILL	432 LF	\$15.00	<u>\$6,480.00</u>
SUB-TOTAL FOR WATER			\$182,138.00

*Sanitary Sewer Facilities*

Item	Quantity	Unit Price	Total
8" PVC SDR 26	679 LF	\$25.00	\$16,975.00
SANITARY MANHOLE	4 EA	\$2,100.00	\$8,400.00
GRANULAR TRENCH BACKFILL	324 LF	\$33.00	<u>\$10,692.00</u>
SUB-TOTAL FOR SANITARY SEWER			\$36,067.00

Total \$218,205.00

**3. West Suburban**

*A. Barclay Estates Subdivision (Unit 1 Cost Estimate Only available at this time)*

*Water Facilities*

Item	Quantity	Unit Price	Total
8" DIWM	8350 LF	\$19.00	\$158,650.00
8" VALVE AND BOX	10 EA	\$850.00	\$8,500.00
FIRE HYDRANT	25 EA	\$1,900.00	\$47,500.00
1" SERVICE LINE -SHORT	75 EA	\$400.00	\$30,000.00
1" SERVICE LINE - LONG	80 EA	\$780.00	\$62,400.00
WM TRENCH BACKFILL	720 LF	\$11.00	\$7,920.00
SUB - TOTAL FOR WATER			<u>\$314,970.00</u>

*Sanitary Sewer Facilities*

Item	Quantity	Unit Price	Total
8" PVC SDR 26 < 12'	6,870 LF	\$19.20	\$131,904.00
8" PVC SDR 26 > 12'	690 LF	\$21.00	\$14,490.00
48" MANHOLE < 12'	27 EA	\$1,500.00	\$40,500.00
48" MANHOLE > 12'	3 EA	\$2,000.00	\$6,000.00
6" SEWER SERVICE LINE - LONG	82 EA	\$1,150.00	\$94,300.00
6" SEWER SERVICE LINE -SHORT	74 EA	\$300.00	\$22,200.00
DROP CONNECTION	1 EA	\$5,000.00	\$5,000.00
RECONSTRUCT MANHOLE	6 EA	\$1,200.00	\$7,200.00
SANITARY SEWER TRENCH BACKFILL	580 LF	\$21.00	<u>\$12,180.00</u>
			\$333,774.00
SUB- TOTAL SANITARY SEWER			
TOTAL			<u>\$648,744.00</u>

### 3. West Suburban

#### B. Lakewood Ridge Subdivision (Unit 1 Cost Estimate Only available at this time)

##### *Water Facilities*

Item	Quantity	Unit	Price	Total
8" DIWM	9,460	LF	\$15.30	\$144,738.00
8" GATE VALVE IN BOX	14	EA	\$1,000.00	\$14,000.00
FIRE HYDRANTS	34	EA	\$1,693.00	\$57,562.00
1" K-COPPER SERVICE -LONG	85	EA	686.00	\$58,310.00
1" K-COPPER SERVICE - SHORT	92	EA	\$119.00	\$10,948.00
GRANULAR TRENCH BACKFILL	1,279	LF	\$12.00	\$15,348.00
8" x 12" PRESSURE CONNECTION	1	EA	\$2,500.00	\$2,500.00
SUB - TOTAL FOR WATER				\$303,406.00

##### *Sanitary Sewer Facilities*

Item	Quantity	Unit	Price	Total
8" PVC SDR 35	8,123	LF	\$18.60	\$151,087.80
10" PVC SDR 35	1,034	LF	\$19.40	\$20,059.60
15" PVC SDR 35	1,339	LF	\$30.00	\$40,170.00
21" PVC SDR 35	1,877	LF	\$40.00	\$75,080.00
48" MANHOLES	68	EA	\$1,500.00	\$102,000.00
TRENCH BACKFILL	3,950	LF	\$15.00	\$59,250.00
6" PVC SERVICE - SHORT	102	EA	\$1,097.00	\$111,894.00
6" PVC SERVICE - LONG	75	EA	\$186.00	\$13,950.00
SUB- TOTAL SANITARY SEWER				\$573,491.40
TOTAL				<u>\$876,897.40</u>

**CITIZENS UTILITIES COMPANY OF ILLINOIS  
ESTIMATED ANNUAL REVENUE**

**Exhibit 6  
Page 1 of 1**

Project	Commercial/ Residential	Number of Lots	Estimated P.E.	Meter Size	Water		Sanitary Sewer	
					Year 1	Year 5	Year 1	Year 5
<b>1. DuPage</b>								
A. 5709 Lenox Road Watermain Extension	Residential	1	3.5	5/8" x 3/4"	\$312	\$312	\$0	\$0
<b>2. Santa Fe</b>								
A. Maple Point Business Park	Commercial	1	60	2"	\$5,750	\$5,750	\$10,159	\$10,159
B. Woodhill Crossings Business Park	Commercial	1	100	2"	\$9,235	\$9,235	\$22,932	\$22,932
C. Hill Avenue Water and Sewer Extension	Residential	1	3.5	5/8" x 3/4"	\$312	\$312	\$402	\$402
<b>3. West Suburban</b>								
A. Barclay Estates Subdivision	Residential	245	521.5	5/8" x 3/4"	\$15,624	\$46,560	\$8,052	\$23,995
B. Lakewood Ridge Subdivision	Residential	480	619.5	5/8" x 3/4"	\$12,499	\$55,309	\$6,442	\$28,504
<b>Total</b>					<b>\$43,734</b>	<b>\$117,479</b>	<b>\$47,987</b>	<b>\$85,992</b>

**Assumptions:**

**I. WATER REVENUE (based on approved ICC Tariffs)**

1. DuPage, Santa Fe, and West Suburban are charged lake water distribution charge of \$2.42/Kgal.
2. Residential customers daily usage is based on 7000 gal/ month.
4. The water calculations are as followed:  

$$\text{Commercial Annual Revenue} = (((PE) * (100 \text{ gal/day}) * (30 \text{ days}) / 1000 \text{ gal}) * \text{Distribution Charge (Kgal)} + \$2.60 + \text{Meter charge}) * 12 \text{ months}$$

$$\text{Residential Annual Revenue} = ((7 * \text{Distribution Charge (Kgal)} + \$2.60 + \text{Meter charge}) * 12 \text{ months}$$
5. Meter Charges are as followed:  
5/8" x 3/4" is \$6.50/ month  
2" is \$41.00/month
6. The \$2.60 is a public fire protection charge.
7. For year 1 in West Suburban, Barclay Estates and Lakewood Ridge will have 50 lots and 40 lots receiving water service respectively.
8. For year 5 in West Suburban, Barclay Estates and Lakewood Ridge will have 149 lots and 177 lots receiving water service.

**II. SEWER REVENUE (based on approved ICC Tariffs)**

1. Residential customers in DuPage are charged a collection fee of \$13.42/ month.
2. Residential Customers in Santa Fe and West Suburban are charged a collection and treatment fee of \$33.50/ month.
3. Commercial customers are charged based on usage as follows:  
Collection Service: first 20,000 gal/month is \$2.54: Over 20,000 gal/month is \$1.29  
Collection and Treatment Service: first 20,000 gal/month is \$6.37: Over 20,000 gal/month is \$3.87
4. For year 1 in West Suburban, Barclay Estates and Lakewood Ridge will have 50 lots and 40 lots receiving sewer service respectively.
5. For year 5 in West Suburban, Barclay Estates and Lakewood Ridge will have 149 lots and 177 lots receiving sewer service.